

Summary: Stock strain carrying mutations on mixed background. The genetic background cannot be resolved for most of the genome with MiniMUGA. 129S1/SvImJ, 129S4/SvJaeJ, C57BL/6J, and C57BL/6NTac were detected with diagnostic alleles. The genome of this strain is not replicable. This GQC report is based on the MiniMUGA G3 2024 pipeline using 2 samples genotyped in 2021.

Substrain Detected	JP2345	UV6487
C57BL/6J	present	present
129S4/SvJaeJ	present	present
C57BL/6NTac	present	present
129S1/SvImJ	absent	present

Constructs Detected
cHS4